

ABSTRACT OF THE DISCLOSURE

It is designed to realize a copy in two directions without fixing a copy direction to one direction between storage device systems which configure a copy pair.

In storage device systems which configure the copy pair, a data consistency holding control part is disposed. The data consistency holding control part controls so as to write write-in data to a logical volume which forms the copy pair into a physical storage device after it has a cache part waited for more than predetermined time from corresponding reception time, in such a manner that, when write-in data which was received from a superior device and write-in data which was received from another storage device system through DKCI/F are written into the same storage location of the physical storage device in an overlapped manner, they are written in the order of reception time that the write-in data was received from a superior device.